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(71)Applicant : BECTON DICKINSON &amp; CO

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(72)Inventor : ROSENSTEIN ROBERT W

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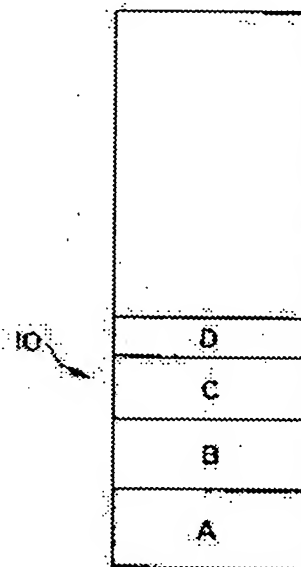
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## (54) SOLID-STATE IMMUNOASSAY METHOD

(57)Abstract:

PURPOSE: To easily conduct analysis by connecting a part containing a tracer and another part containing a binding agent to an object to be analyzed through a capillary flow.

CONSTITUTION: A porous nitrocellulose piece B spotted with a rabbit anti-A group streptococcus antigen is stuck to a polystyrene strip and zones C and D of filter paper strips are provided immediately above the zone of the piece B. A zone A spotted with a tracer which covalently binds a liposome for detection filled with a coloring matter with the streptococcus antigen is provided below the zone B. When the zone A of the stick 10 thus prepared is brought into contact with a sample containing an antigen, the antigen and tracer move to the zone B and competitively bound to an acquired antibody spot. When the spot of the coloring matter generated in the zone B is observed, the antigen contained in the sample can be detected.



## LEGAL STATUS

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